

Monday, September 12, 2016 10:25:42 AM

150902

Page 1

N900040100

Setup Start *NS1*

Stop *NS2*

~~*1*~~

Cust Item ID:

1

Customer:

Run Start *NR1*

DAS

21

Date: SEP 12 2016

Tooling:

Date:

Stop *NR2*

QC:

Date:

SPC (Y/N):

Date:

[illegible]

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
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Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition			Completed By																		
							Lead hand / Supervisor Approval Verification																		
							QC / QA Coordinator Approval																		
Root Cause				FAULT CATEGORY																					
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Work Order ID 150902

Monday, September 12, 2016 10:25:42 AM

150902

Page 2

Item ID: D205-523-043**Revision ID:****Item Name:** Slide Bar Assembly**Start Date:** 9/1/2016 **Start Qty:** 1.00**Required Date:** 9/12/2016 **Req'd Qty:** 1.00**Reference:****Accept*****N900040100*****Setup Start*****NS1*****Stop*****NS2*****Cust Item ID:****Customer:****Approvals:****Process Plan:** _____**Date:** _____**Tooling:** _____**Date:** _____**Run Start*****NR1*****QC:** _____**Date:** _____**SPC (Y/N):** _____**Date:** _____**Stop*****NR2*****Sequence ID/
Work Center ID****Operation
Description****Set Up/
Run Hours****Tool ID****Tool #****Plan
Code****Accept
Qty****Reject
Qty****Reject
Number****Insp.
Stamp**

130

Identify as per dwg & Stock Location: 51374

0.00

130

Packaging

Memo

0.00

Packaging

NOV 18 2016

DAS

6

9-89

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.02

Quality Control

16/11/21 JA

DAS

21

9-89

NOV 18 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td style="border: none;"></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																	
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OTHER : ☐																																																																					

Picklist Print

Monday, September 12, 2016 10:25:45 AM

Page 1

Work Order ID: 150902

Parent Item: D205-523-043

Parent Item Name: Slide Bar Assembly

150902

D205-523-043

Start Date: 9/1/2016

Required Date: 9/12/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP B02.04.04 Updated Drawing and Added Inspection Level 21SM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3011-1 *D3011-1* Rappel Slide Bar		Manufactured	No			110	Each	3.0000	1	12		NOV 17 2016	DAS 6 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST374				3					
				144817				3					
NAS1149D0616J *NAS1149D0616.J* WASHER		Purchased	No			110	Each	101.0000	2	24		NOV 17 2016	DAS 6 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST264				101					
				122815				101					
MS21042L6 *MS21042L6* Nut		Purchased	No			110	Each	158.0000	2	24		NOV 17 2016	DAS 6 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST303				158					
				m133938				6					
				m134955				42					
				m135058				60					
				m135442				50					
33116 *33116* STUD FITTING		Purchased	No			110	Each	1.0000	2	24		NOV 17 2016	DAS 6 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST562				1					
				M133355				1					

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval	
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

Monday, September 12, 2016 10:25:45 AM

Page 2

Work Order ID: 150902

Parent Item: D205-523-043

Parent Item Name: Slide Bar Assembly

150902

D205-523-043

Start Date: 9/1/2016

Required Date: 9/12/2016

Start Qty: 1.00

Required Qty: ~~1.00~~ NOV 17 2016

D3012-1

Manufactured No

110

Each

5.0000

2

D3012-1

Decal

Location

Loc Qty

Loc Code

ST014

5

148820

5

**

~~151615X1~~
151615X1
151758X1

~~151758X1~~ OCT 2 1 2016 DAS 6 9-89

D3012-3

Manufactured No

110

Each

5.0000

2

D3012-3

Decal

Location

Loc Qty

Loc Code

ST014

5

140543

5

**

~~151616X1~~
151616X1

NOV 17 2016 DAS 6 9-89

D3012-5

Manufactured No

110

Each

6.0000

2

D3012-5

Decal

Location

Loc Qty

Loc Code

ST014

6

148821

6

**

~~151617X2~~
151617X2
152028X2

NOV 17 2016 DAS 6 9-89

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS						
Part No. _____			Rework	☐	Skid-tube	☐	Cross tube	☐	Water Jet	☐	Engineering	☐
			Scrap	☐	Machining	☐	Small Fab	☐	Prod. Eng. Coord.	☐	Quality	☐
NCR No. _____			Use-as-is	☐	Thermoforming	☐	Finishing	☐	Rec/Store/Packaging	☐	Other	☐
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Date :			Step #:			QTY Effective :			MRB (QSI042) Approval			
Description Work Order Deviation						Disposition						
SAC 3 KSC SAC 3 JG												Completed By
												Lead hand / Supervisor Approval Verification
												QC / QA Coordinator Approval
Root Cause						FAULT CATEGORY						
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐	
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Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐	
Past Expiry Date	☐	Manufacturing Process	☐									
Misidentified	☐	Past Due	☐	OTHER :								

D205-523-013
HELI-RAPPEL INSTALLATION
(CAN BE INSTALLED ON
EITHER SIDE AS SHOWN)

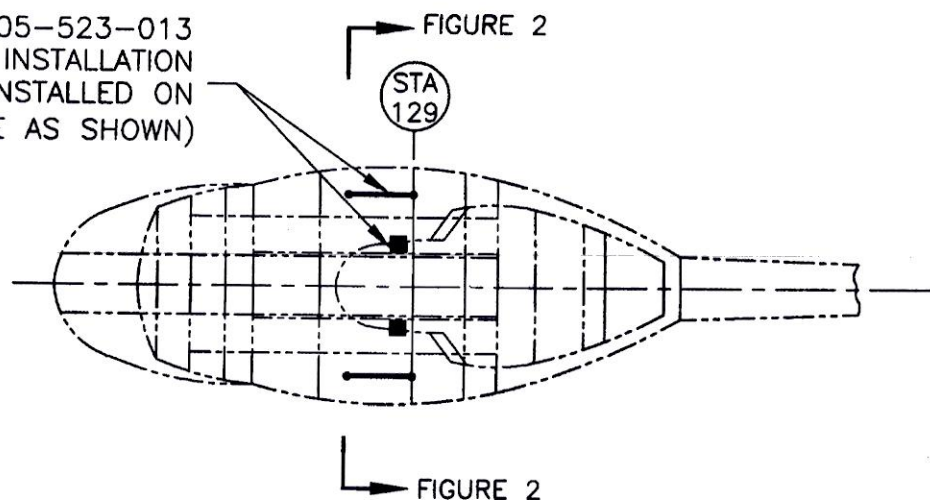


Figure 1 - Location of **Heli-Rappel™** Installation

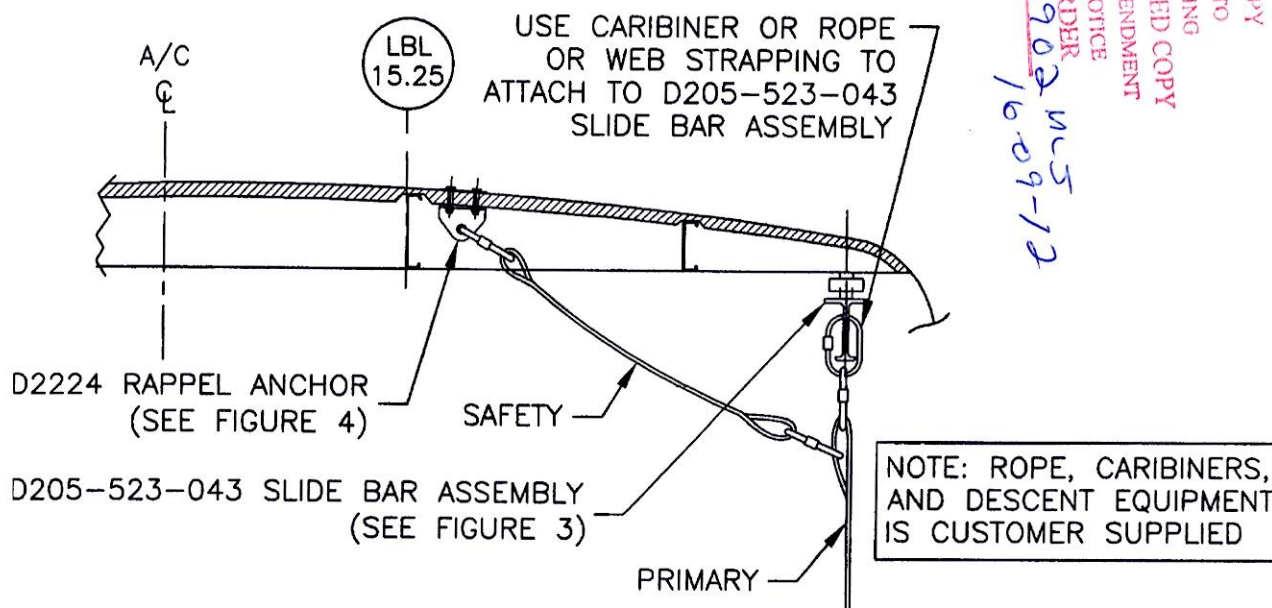


Figure 2 - Location of **Heli-Rappel™** Installation
LH Installation Shown, RH Opposite
(View Looking Aft - Section Rotated 90° CCW)

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OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: **F**

Date: 01.03.29

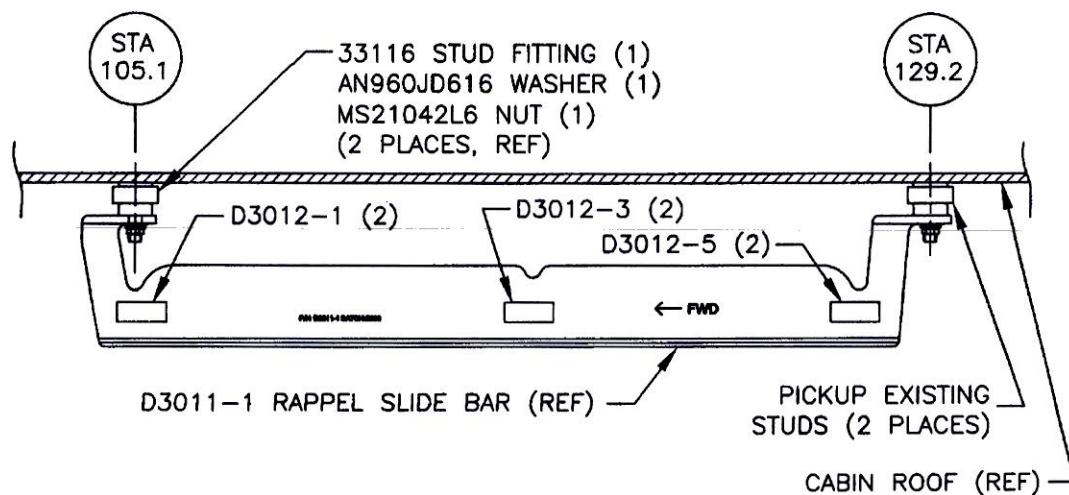


Figure 3 – Installation of D205-523-043 Slide Bar Assembly
(View Looking Inboard)

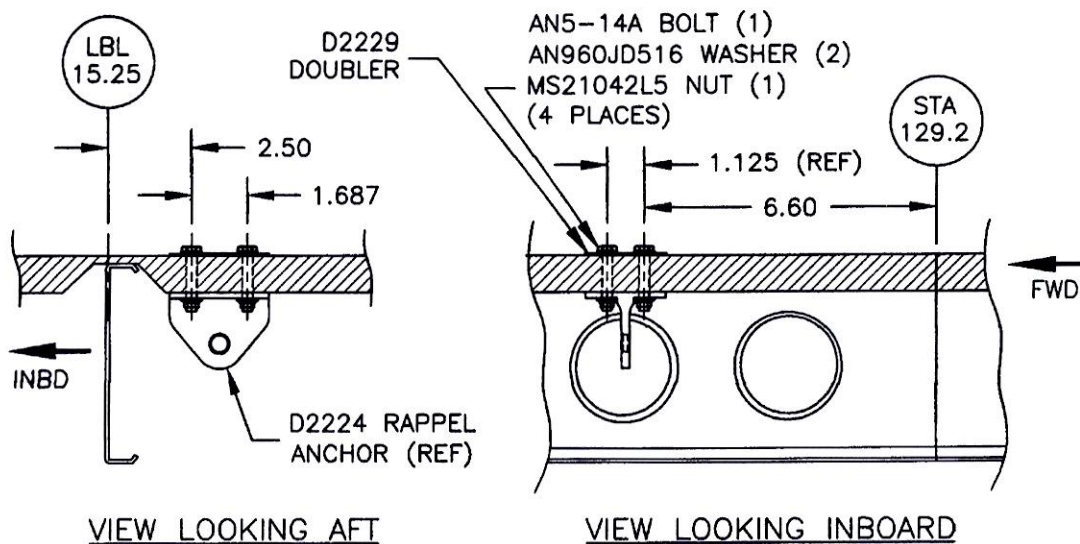


Figure 4 – D2224 Rappel Anchor Installation